

IEPA PERMIT WRITER'S PHOSPHORUS CHECKLIST

Facility Name: Aventine Renewable Energy, Inc. – Pekin

Facility Permit Number: IL0001953

	YES	NO
1. Does the facility discharge upstream from or directly to a water body segment on the State of Illinois CWA § 303(d) list for either dissolved oxygen or unnatural growth of plants or algae?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. If the facility discharges upstream of or directly to a water body segment with an approved TMDL for phosphorus, does the permit have:		
a. A numeric effluent limit for total phosphorus that is consistent with the assumptions and requirements of the WLA in the TMDL, or	<input type="checkbox"/>	<input type="checkbox"/>
b. Conditions that are consistent with the conclusions or findings of the TMDL?	<input type="checkbox"/>	<input type="checkbox"/>
3. If the facility discharges upstream of or directly to a water body segment on the State of Illinois CWA § 303(d) list for either dissolved oxygen or unnatural growth of plants or algae, but a TMDL is not yet approved, does the permit have any of the following:		
a. A numeric effluent limit for total phosphorus of 1 mg/L or less;	<input type="checkbox"/>	<input type="checkbox"/>
b. Limitations or conditions consistent with an alternative water quality study, or	<input type="checkbox"/>	<input type="checkbox"/>
c. Conditions with appropriate monitoring and modeling for development of a numeric effluent limit	<input type="checkbox"/>	<input type="checkbox"/>
4. If the facility discharges directly to or within 25 miles upstream from a lake or reservoir that is 20 acres or more in size, does the permit have a numeric effluent limit for total phosphorus of 1 mg/L or less?	<input type="checkbox"/>	<input type="checkbox"/>
5. If the facility is new or expanded as provided in 35 Ill. Adm. Code 304.123 g)3), does it have a design average flow of 1.0 MGD or more receiving primarily domestic wastewater or, for other than primarily domestic wastewater, does the facility have a phosphorus load of 25 lbs/day or more?	<input checked="" type="checkbox"/> (proceed to question 6)	<input type="checkbox"/>
6. If yes to question 5, does the permit have a numeric limit for Total P of 1 mg/L or less?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please provide completed checklists to EPA Region 5, NPDES Programs Branch, Chief of Section 1 and the Illinois State Program Manager not less than 30 days before the anticipated public notice date of permits for all major dischargers. On review of a given checklist, EPA may elect to review the permit under 40 C.F.R. § 123.44.

2. Aventine does not discharge upstream of or directly to a water body segment with an approved TMDL for phosphorus.

3. Aventine does not discharge upstream of or directly to a water body segment on the State of Illinois CWA § 303(d) list for either dissolved oxygen or unnatural growth of plants or algae.

4. Aventine does not discharge directly to or within 25 miles upstream from a lake or reservoir that is 20 acres or more in size.

6. The existing permit does not have a limit of 1 mg/L or less, but the draft permit does contain this limitation with a schedule of compliance.